



United States  
Department of  
Agriculture

Forest  
Service

Dixie National Forest  
Pine Valley R.D.

196 E. Tabernacle  
Room 40  
St. George, UT 84770

5/53/060

File Code: 2810  
Date: February 15, 2002

Paul Lamoreaux  
P.O. Box 610  
Parowan, Utah 84761

RECEIVED

FEB 19 2002

DIVISION OF  
OIL, GAS AND MINING

Dear Mr. Lamoreaux:

Thank you for meeting with Bill Hipp and Steve Winslow on January 31 to discuss your mining operation at the Marc No. 1 claim.

At the meeting you said that you planned to perform reclamation work on part of the mine site that is no longer needed in your operation. You have already done much of the earthwork necessary to reclaim this area by filling in the excavation trenches and backfilling the overburden against some of the vertical walls that resulted from mining. To complete the reclamation, you agreed to move most of the stockpiled material along the edge of the road and grade it back to the north, blending it in to re-establish the original ground contour as much as possible. You would also place more material next to some of the remaining high walls to reduce the hazard and to improve the chances of re-vegetation. Scarification of the ground just before planting would also be beneficial. Dragging a backhoe bucket across the surface to loosen the upper few inches of soil could do this.

You also agreed to remove as much of the material as possible from the "turnout" created on the south side of the road. This material would be hauled back to fill in the excavated areas on the north side of the road from where it was originally removed.

I have included a different seed mixture than the one that I recommended in the original reclamation plan in 2000. It has fewer species and reflects our best judgment of what may actually grow on the site. As you know, the site is very harsh and it will be difficult to re-establish vegetation on the disturbed area no matter what plant species are used in the seed mixture. Please plan on seeding the ground surface on the same day that you complete the final grading work. The seed mixture can be obtained from any of several sources, including Granite Seed of Lehi.

You plan to leave open the access road and upper quarry on the west and northwest sides of the operation. This would allow you to continue to access the upper quarry, which provides a different color and texture of alabaster than the lower quarry area, as you explained.

For the immediate future you said that you would focus your excavation and mining on the east side of the present operation. You would continue to extend the mining toward the northeast. I ask that you maintain at least a 20-foot buffer of undisturbed soil and vegetation between your mining operations and the road in the future. This would help to maintain the scenic quality of



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roadside, prevent erosion and disturbance of the roadbed, and would make the disturbed area much easier and less costly to restore upon final closeout and reclamation of the mine. If you have concerns or problems with maintaining this buffer please plan on contacting Bill Hipp and we will work with you to mitigate any possible impacts to the road.

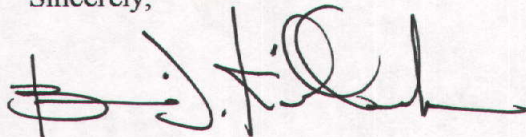
Topsoil should be removed and stockpiled on all areas to be mined. It should be placed in at a location where it can be easily re-spread over the re-shaped overburden upon final reclamation. As Bill mentioned, large woody vegetation on future areas to be mined can be cut up and removed from the site under a wood permit available at my office. Small woody vegetation can be piled and the Forest Service will take responsibility for burning it.

**Please submit a brief letter confirming your mining plans as described above and indicating your concurrence with this information.** I have also enclosed a copy of the map of your mining operation showing the boundary of the disturbed area at the Marc No. 1 claim as of February 2000. Please illustrate on the map, or one of your own making if you prefer, the approximate area that you expect to mine over the next one-year and five-year periods. Please keep in mind that you may change your plans (size and location of the area to be mined on the claim) before five years and submit an updated plan and map at that time. Your letter and map will be incorporated as amendments to your plan in our files.

The current bond for \$4,900 was calculated based on the total area of the surface disturbance as of February 2000, which was slightly more than one acre. Part of the bond may be refunded for the partial reclamation of the site you are now proposing. Please bear in mind that the reclamation work you do this year to reduce the bond may be offset by additional surface disturbance from new mining activity in the future. In any case, you would be able to offset any increase in the existing bond by reclaiming an equal or greater portion of the existing disturbed area. The bond, when it is re-calculated, will always be based on the total area of un-reclaimed surface disturbance and would include the projected area to be disturbed by mining over the next year.

Please contact Bill Hipp if you have questions. We look forward to receiving the written plan information and map.

Sincerely,

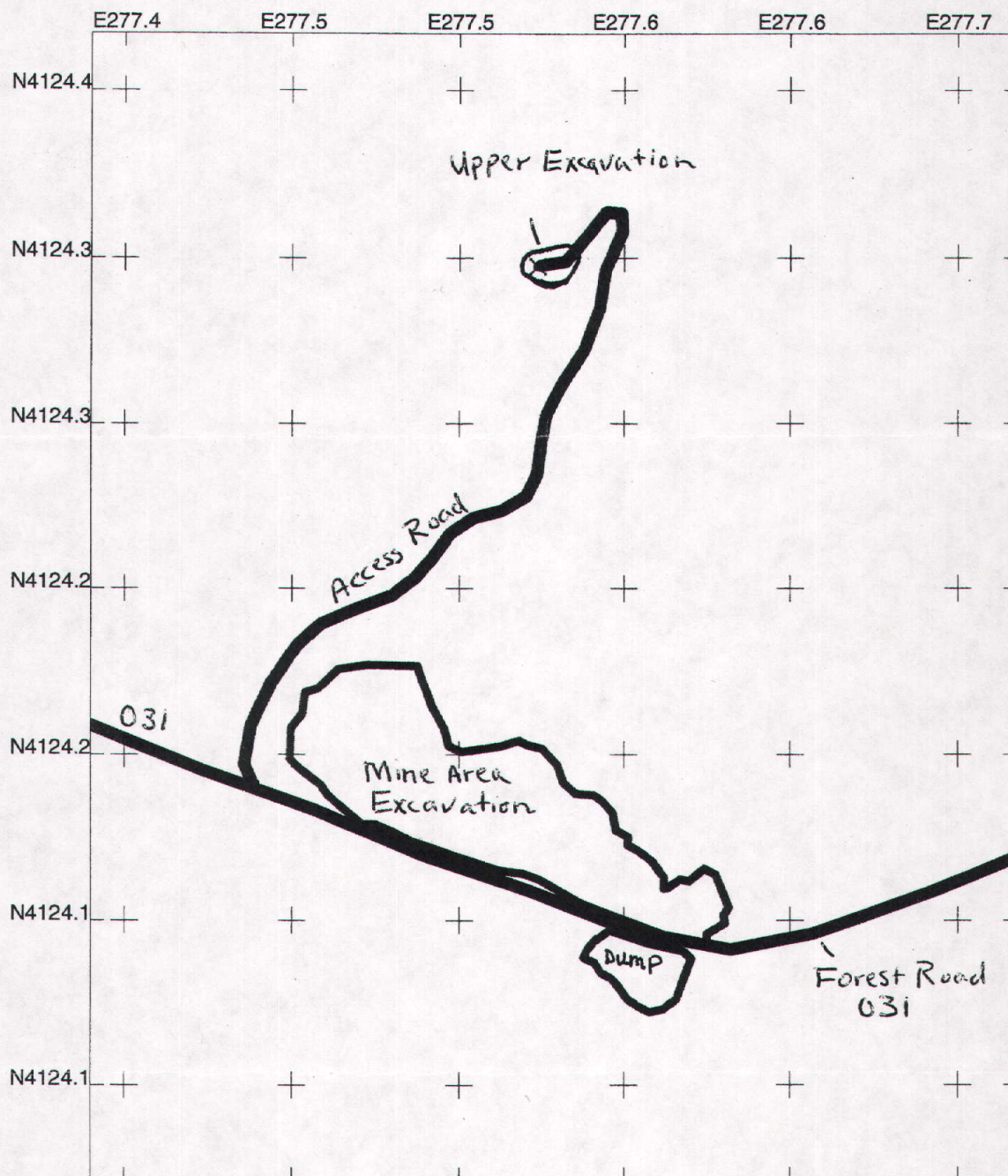
A handwritten signature in black ink, appearing to read "Bevan D. Killpack", written over a horizontal line.

BEVAN D. KILLPACK  
District Ranger

Enclosures (2)

cc: Lynn Kunzler, Utah State Division of Oil, Gas and Mining





## Lamoreaux - Marc #1 Claim Area

Universal Transverse Mercator  
12 North  
NADCON (Conus)



Scale 1:2000  
0 250.0  
Feet

r120116a.cor  
12/6/1999  
Pathfinder Office  
 **Trimble**



Recommended Seed Mix for low elevation blackbrush areas.

<u>Species</u>	<u>Variety</u>	<u>Lbs Pure Live Seed /Ac</u>
Intermediate Wheatgrass	Oahe	2
Pubescent Wheatgrass	Luna	4
Western Wheatgrass	Rosanna	1
Indian Ricegrasses	Nezpar	3
Bluebunch Wheatgrass	Secar	2
Antelope Bitterbrush	Vns	1
Fourwing Saltbush	Vns	2
Birdsfoot Trefoil	Viking	1
Mountain Big Sage	Vns	2
Rubber rabbitbrush	Vns	2
Total PLS/Ac		20

Based on the experience in similar soils and areas within the Dixie National Forest recommends the seed be applied as specified below:

1. Drill the seed in using a rangeland seed drill.
2. If it is not feasible to drill the seed in broadcast it at 1.5 times the rate (30 lbs PLS/acre) and rake the seed into the soil to a depth of 1/4 inch.
3. Apply 200 lbs. Per acre of 16-20-0-13 ammonium phosphate with sulfur fertilizer before seeding.